10/642,440

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NEWS 6 DEC 14
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                 CA/CAplus to be enhanced with updated IPC codes
NEWS 7 DEC 21
                 IPC search and display fields enhanced in CA/CAplus with the
                 IPC reform
                 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/
NEWS 8 DEC 23
                 USPAT2
NEWS 9
         JAN 13
                 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS 10
         JAN 13
                 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to
                 INPADOC
NEWS 11
         JAN 17
                 Pre-1988 INPI data added to MARPAT
NEWS 12
        JAN 17
                 IPC 8 in the WPI family of databases including WPIFV
NEWS 13
        JAN 30
                Saved answer limit increased
NEWS 14 JAN 31
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                 added to TULSA
NEWS 15 FEB 21
                 STN AnaVist, Version 1.1, lets you share your STN AnaVist
                 visualization results
NEWS 16 FEB 22
                Status of current WO (PCT) information on STN
NEWS 17
        FEB 22
                The IPC thesaurus added to additional patent databases on STN
NEWS 18 FEB 22 Updates in EPFULL; IPC 8 enhancements added
NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
             CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
             AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
             V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT
             http://download.cas.org/express/v8.0-Discover/
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FILE 'HOME' ENTERED AT 16:28:14 ON 24 FEB 2006

=> file reg

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.21 0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 16:28:23 ON 24 FEB 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 22 FEB 2006 HIGHEST RN 874945-83-2 DICTIONARY FILE UPDATES: 22 FEB 2006 HIGHEST RN 874945-83-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

Uploading C:\Program Files\Stnexp\Queries\10642440a.str

chain nodes :

11 12 13 18 19 21

ring nodes :

1 2 3 4 5 6 7 8 9 10 15 16

chain bonds :

7-11 11-21 12-13 12-15 18-19

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 15-16

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exact/norm bonds :

7-11 11-21 12-13 12-15 15-16 18-19

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10

isolated ring systems :
containing 1 : 15 :

G1:C,O,S,SO2,[*1]

Hydrogen count :

9:= exact 1

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:Atom 16:Atom 18:CLASS 19:CLASS

21:Atom

Element Count : Node 13: Limited

C, C0-6

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

G1 C, O, S, SO2, [@1]

}.....C

Structure attributes must be viewed using STN Express query preparation.

0 ANSWERS

=> s l1 sample

SAMPLE SEARCH INITIATED 16:28:47 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 1174 TO ITERATE

100.0% PROCESSED 1174 ITERATIONS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 21425 TO 25535

PROJECTED ANSWERS: 0 TO

L2 0 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 16:28:53 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 23346 TO ITERATE

10/642,440

100.0% PROCESSED 23346 ITERATIONS

SEARCH TIME: 00.00.02

L3 0 SEA SSS FUL L1

=> log y

COST IN U.S. DOLLARS SINCE FILE TOTAL

0 ANSWERS

FULL ESTIMATED COST ENTRY SESSION 166.94 167.15

STN INTERNATIONAL LOGOFF AT 16:29:08 ON 24 FEB 2006